

Title (en)
VISIBLE LIGHT COMMUNICATION PERSONAL AREA NETWORK COORDINATOR (VPANC) AND ASSOCIATED METHOD FOR SELECTING SUITABLE VPANCS

Title (de)
SICHTBARER PERSÖNLICHER LICHTKOMMUNIKATIONS-NETZWERKKOORDINATOR (VPANC) UND ZUGEHÖRIGES VERFAHREN ZUR AUSWAHL VON GEEIGNETEN VPANCS

Title (fr)
COORDINATEUR DE RÉSEAU PERSONNEL DE COMMUNICATION PAR LUMIÈRE VISIBLE (VPANC) ET PROCÉDÉ ASSOCIÉ POUR SÉLECTIONNER DES VPANC APPROPRIÉS

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Application
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Abstract (en)
Visible light communication Personal Area Network Coordinators (VPANCs) and associated method for selecting VPANCs is disclosed. The method includes receiving, by a VPANC, channel scan parameters and VPANC controlling parameters created for the VPANC from a controller and End User Devices (EUD) information from each of a plurality of EUDs associated with the VPANC; creating, by the VPANC, a set of customized channel scan parameters and a VPANC selection policy for each of the plurality of EUDs based on the channel scan parameters, the VPANC controlling parameters, and the EUD information; and sharing, by the VPANC, with each EUD of the plurality of EUDs, an associated set of customized channel scan parameters and VPANC selection policy, wherein sharing enables an EUD to select a new VPANC from the plurality of VPANCs.

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Citation (applicant)
IEEE STANDARD 802.15.7, 2011

Citation (search report)
• [XII] EP 3010284 A1 20160420 - VODAFONE IP LICENSING LTD [GB]
• [XA] US 2015126200 A1 20150507 - WANG JIANFENG [US], et al
• [IA] US 2016142967 A1 20160519 - LEE HEEKOUNG [KR]
• [A] EP 2953277 A1 20151209 - ZTE CORP [CN]

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